Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Thursday 29 Sep 2022 until 23:59 on Friday 30 Sep 2022

Forecast Issued on Wednesday 28 Sep 2022 at 14:06

Confidence: High for the main themes, but moderate for the timing of rain clearance early morning and for extent of low cloud and fog patches.

Headline for Thursday 29 Sep 2022: Early rain clearing to sunny spells with scattered showers.

Mountain weather hazards on Thursday 29 Sep 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Light rain	Cloudy	Sunny intervals	Light rain showers	Light rain showers	Sunny intervals	Clear night
Precipitation probability							
70%	50%	20%	10%	30%	30%	10%	<05%

Forecast for Thursday 29 Sep 2022

Weather: Rain in the early hours will clear away south, likely before dawn, but with a risk of fog patches following. Low cloud and any fog patches clearing by mid-morning, with sunny spells developing. Scattered blustery showers are then likely to develop for the afternoon, but becoming dry for the evening with clear spells.

Chance of cloud-free hill tops above 600m: 20% during the early hours, becoming 60% by mid-morning and 90% by lunchtime.

Low cloud and visibility: Very poor visibility in fog patches and extensive cloud, bases 300-400m, during the early hours with nearby landmarks obscured. Visibility becoming very good with distant hills clearly visible as cloud lifts during the morning above the summits, but temporary deteriorations are likely in showers with cloud perhaps touching the summits.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Thursday 29 Sep 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/18 NW	15/22 NE	16/23 NE	16/22 NE	14/19 NE	14/20 NE	10/16 NE	9/13 E	7/10 SE
300	9/14 NW	11/17 N	12/20 NE	13/19 NE	10/15 NE	10/16 NE	6/11 NE	5/9 NE	3/5 SE
Valley	5/14 NW	8/18 N	9/21 NE	10/20 NE	8/17 NE	8/16 NE	4/13 NE	5/12 E	4/7 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/4	7/3	6/2	7/4	9/6	10/7	8/6	7/5	7/5
300	8/6	9/6	8/6	10/7	12/10	12/10	11/10	9/8	8/8
Valley	9/8	9/7	9/7	11/9	13/12	14/12	11/10	9/8	8/6
Freezing Level*	1700m	1700m	1600m	1700m	1800m	1800m	1600m	1600m	1600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling chilly in the wind on higher ground.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Wed 28 Sep 2022	2.4mm	4.6mm	15.2mm

Forecast for Friday 30 Sep 2022

Weather: Clear spells overnight giving chilly temperatures with a risk of grass frost, also allowing some fog patches to develop, mainly in valleys. This will clear during the morning as the wind gradually increases ahead of a band of rain. This will arrive around lunchtime with gale force winds likely on higher ground and heavy persistent rain for much of the afternoon. Rain will clear early evening with winds easing somewhat, although remaining strong.

Maximum wind: Southerly or southwesterly 30-35 mph, gusting 45-50 mph during the afternoon.

Chance of cloud-free hill tops above 600m: 95% at first, becoming 70% during the morning, then 20% for the afternoon. Becoming 90% again in the evening.

Low cloud and visibility: Very poor in early fog patches with nearby landmarks obscured. Otherwise mostly good with distant hills visible, before becoming poor in rain and very poor in extensive low cloud with bases 300-400m during the afternoon. Becoming good once again in the evening.

Temperature: **Valleys:** Plus 2C becoming plus 12C.
At 600m: Plus 9C.
Freezing level: Above the hills.

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